



BOROUGH OF CHATHAM

ANNUAL

REPORT

of

Medical Officer of Health

L. F. McWILLIAMS, M.C., M.B., B.Ch., D.P.H.

and

Chief Public Health Inspector

THOMAS HOWARD, M.A.P.H.I., A.R.S.H.

For the Year

1961





BOROUGH OF CHATHAM

ANNUAL

REPORT

of

Medical Officer of Health

L. F. McWILLIAMS, M.C., M.B., B.Ch., D.P.H.

and

Chief Public Health Inspector

THOMAS HOWARD, M.A.P.H.I., A.R.S.H.

For the Year

1961



UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

REPORT

OF THE

COMMISSIONER OF LANDS AND MINES

FOR THE YEAR 1908

1909

MEMBERS OF THE CHATHAM COUNCIL

AS AT 31ST DECEMBER, 1961

The Mayor (Alderman C.E. Harvey, J.P.)

The Deputy Mayor (Alderman J. S. Thomas)

Alderman F.B. Semple, B.Sc.

Alderman G.W. Pagett, M.A.

Alderman R.L.W. Parsons

Alderman A.G.C. Brown

Councillor Mrs. M.T. Cox

Councillor J. C. Buck

Councillor T. H. Hill

Councillor D.G. Atkinson

Councillor Mrs. B. Grieveson, J.P.

Councillor Mrs. K. Williams

Councillor J. Young

Councillor H. Cooper, M.B., B.S.

Councillor R.D. Cox

Councillor Mrs. E.R.S. Aldam

Councillor R.E. Bean

Councillor R. Foster

Councillor L. Matthews

Councillor P.A. Coleman

Councillor J.W. Bowman

Councillor D.H. Elvy

Councillor B.C. Stigant

Councillor J. L. Brewster

PUBLIC HEALTH COMMITTEE

This consists of:

(A) Up to May, 1961

Chairman: Councillor Mrs. B. Grieveson, J.P.

Vice Chairman: Councillor L. Matthews

The Mayor (Alderman J.S. Thomas, J.P.) (Ex-officio)

Alderman Pagett

Councillors Mrs. Cox, Young, Cooper, Cox, Rhodes

Mrs. Aldam, Bean, Foster and Bowman

(B) From May, 1961

Chairman: Councillor Mrs. B. Grieveson, J.P.

Vice Chairman: Councillor J. Young

The Mayor (Alderman C.E. Harvey, J.P.) (Ex-officio)

The Deputy Mayor (Alderman J.S. Thomas)

Alderman Semple

Councillors Mrs. Cox, Cooper, Mrs. Aldam,

Foster, Matthews, Bowman, Elvy and Brewster

Public Health Officers

Medical Officer of Health:

(Combined appointment with City of Rochester and Strood R.D.C.)

L. F. McWILLIAMS, M.C., M.B., B.Ch., D.P.H.

Deputy Medical Officer of Health and

Assistant Medical Officer Kent County Council:

(Combined appointment with City of Rochester and Strood R.D.C.)

R. G. BRENNEN, M.B., B.Ch., B.A.O., D.P.H.

Chief Public Health Inspector

THOMAS HOWARD (a)(b)

Senior District Public Health Inspector:

A. E. R. SOUTH (a)(b)

District Public Health Inspectors:

B. LEWIS (a)(b) F. C. GAFFNEY (a)(b)
A. J. MOORE (a)(b)(c) J. E. GIBSON (a)

Student Public Health Inspector:

D. J. AINSLEY

Chief Clerk:

O. THOMAS

Clerks:

MRS. J. PARKER

MISS C. E. WATTS

MISS J. M. BRYANT

- (a) Public Health Inspector's Certificate
- (b) Meat Inspector's Certificate
- (c) Smoke Inspector's Certificate

Public Health Department,
"Riverside",
Globe Lane,
CHATHAM.

To the Mayor, Aldermen and Councillors of the Borough of Chatham.

Your Worship, Mesdames and Gentlemen,

Over the next decade or so implementation of the Clean Air Act, 1956, will proceed within the area of the Borough Council and be co-ordinated with neighbouring Authorities on either side. The year 1961 saw the starting point to the programme which will gradually bring the whole of the Borough district into the era of Clean Air by the 1970's. The initial project included 464 houses in a number of small areas of modern housing development and the order was submitted to the Minister on 28th February, 1961, but date of operation was delayed until the following year.

The priority task of the Health Department continued to be, as it must for many years to come, the inspection and reporting to the Council on houses within the district which are unfit for human habitation, as assessed by reference to Section 4, Housing Act, 1957. A total of 87 houses were classified as unfit in Clearance Areas and 4 were similarly dealt with under Section 17, Housing Act, 1957.

Much of the body of the report is taken up with statistical matter on which the following comments are recorded:-

POPULATION

49,610

The population estimate is mid year and is compiled by the Registrar General's Department. The last 3 Census surveys show the population trend in the Borough as one of slow growth over the years.

April, 1961	48,989
" 1951	46,940
" 1931	42,990

TOTAL BIRTHS

1,011

The Birth Rate per 1,000 population was 19.77 per 1,000 population (comparability factor 0.97).

This rate compared favourably with the rate for England and Wales of 17.4 per 1,000 population.

ILLEGITIMATE BIRTHS

75

The total was 15 more than the figure for the previous year and well in excess of the average of 56 per 1,000 live births for the decade ended 1960. The rates for 1961, are as follows:-

England and Wales	...	59	per 1,000 live births
Chatham	...	74	" " " "

TOTAL INFANT DEATHS UNDER ONE YEAR

18

The Infant Mortality rate was 17.8 per 1,000 live births being less than the rate for England and Wales of 21.6. Of the total of 18 infants dying under 1 year, 10 were under 4 weeks at time of death and of these 8 were under 1 week at time of death; (6 of this figure in fact lived less than 12 hours).

The cause of death of the 8 infants dying between 1 month and

1 year of age were assigned as follows:-

Congenital Malformation	..	..	..	2
Gastro Enteritis	..	..	..	2
Pneumonia	..	..	..	1
Bronchitis	..	..	..	1
Meningococcal infection	..	..	..	1
Otitis Media	..	..	..	1

TOTAL DEATHS

515

The death rate was 11.31 per 1,000 of the population (comparability factor 1.00 applied) being below the national average for England and Wales of 12.00.

(a) Degenerative disease of the Circulatory System accounted for a total of 230 deaths or 46.4 as a percentage of all deaths.

(b) Bronchitis 24 males and 7 females died from this disease.

(c) Chest Cancer 28 males and 4 females died from malignant growths of lung and bronchus.

Viewed together the last mentioned 2 complaints (b) and (c) can be seen to be mainly afflictions of the male.

(d) Cancer of Breast and Uterus, caused 10 female deaths.

(e) Tuberculosis

There were 5 male and 1 female deaths over the year under review following a total of 7 in 1960. Miliary Tuberculosis accounted for one of the deaths.

Analysis of the 6 deaths by sex and age groups were:-

	Males	Females
Under 1 year	-	-
1-5 years	-	-
6-15 "	-	-
16-25 "	1	-
26-35 "	-	-
36-45 "	1	-
46-65 "	2	1
66 years up	1	-

LONGEVITY

60.5% of the total deaths were in the age group 65 years of age and over while of this figure 42% were over 75 years of age.

As a percentage of all deaths the total deaths over 70 years of age was 58.8%.

INFECTIOUS DISEASE

Measles The epidemic which commenced during the last 2 months of 1960 reached a peak in March and finished with the onset of the warmer weather.

A total of 1,183 notifications were received.

One child aged 11 years died from Measles; he was also a chronic invalid.

Whooping Cough 45 notifications, which were divided between the under 5's and over 5's about equally.

Tuberculosis 38 primary notifications were received in respect of Pulmonary Tuberculosis. The total number of people remaining on the Tuberculosis Register at the end of the year was 382 being 7 fewer than the previous year and so continuing the downward trend of the previous 6 years. However any tendency to underestimate the Public Health importance of Tuberculosis would be unwise in view of the total of 6 deaths including 2 in which the person was not notified during life as suffering from the disease, while in the case of one family, father, mother and seven children were admitted to the Sanatorium together, all suffering from the disease in one form or another.

Poliomyelitis The one notification of the disease in its paralytic form referred to a child aged $4\frac{1}{2}$ years, in whom the diagnosis was first made at All Saints Hospital, Chatham. His normal place of residence was Sheerness but the notification was returned to the Ministry of Health on the weekly return of notifiable infectious diseases in accordance with G.R.O. Circular (M.O.H.) No. 1/1962.

Acute Encephalitis One case occurred following Measles in a child aged 5 years.

CARAVAN SITE, ASH TREE LANE

Reference was made in the 1960 report of the decision of the Council to clear this site by a gradual process of acquiring the ownership of individual plots and rehousing the occupants of the caravans on the site. Of the original 28 families living there at the time of the decision 8 had been rehoused at the end of the year under review.

ADMINISTRATION

This report details certain of the Personal Health Services of the local Health Authority which for this district is the County Council.

The work of the District Council's Health Department is completely separate, having as its main interest environmental health matters and infectious disease control. The existence of 2 distinct preventive health services at local level dealing with community health matters, sometimes inter related, is not easily appreciated by the public, but no solution appears probable in the absence of Local Government re-organisation.

The special information requested in Ministry of Health Circular 1/62 is given in Appendix "B" to this report.

The completion of the details within this report has been made possible by the courtesy of colleagues in other departments of the Borough Council, outside bodies and the County Medical Officer, to whom I take this opportunity of expressing my thanks, as well as those members of the Health Department staff who have helped in its preparation.

I have the honour to be,

Your obedient Servant,

L. F. McWILLIAMS

Medical Officer of Health

SECTION ASTATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (in acres)	..	..	..	..	..	..	..	4,371
Number of inhabited houses on the Rate Books -								
Dwelling houses	..	..	..	..	..	..	..	14,549
Shops with living accommodation	..	..	..	..	..	..	..	398
Licensed premises, hotels, etc., with living accommodation	..	..	..	..	..	..	..	91
Rateable Value	..	..	..	..	..	..	..	£713,292
Product of penny rate (1960-1961)	..	..	..	..	..	..	..	£2,855

EXTRACTS FROM VITAL STATISTICS

Registrar-General's estimate of resident population								
(Including forces stationed in the area)	..	..	..	..	..	..	..	49,610

Total Births (Live and Still)

		M.	F.	<u>Total</u>
<u>Live Births</u> , Legitimate	..	477	459	
Illegitimate	..	<u>40</u>	<u>35</u>	
		517	494	1,011
<u>Still Births</u> , Legitimate	..	17	13	
Illegitimate	..	<u>1</u>	<u>-</u>	
		18	13	31
				<u>1,042</u>

Birth Rate

Birth rate per 1,000 of estimated population (crude rate)	..	20.38
Corrected by comparability factor (0.97)	..	19.77
Still birth rate per 1,000 live and still births	..	29.75

Total Deaths

All causes at all ages	..	515
------------------------	----	-----

Death Rate

Death rate per 1,000 estimated population (crude rate)	..	10.38
Corrected by comparability factor (1.09)	..	11.31

Infant Mortality Rate

Deaths of infants under 1 year of age	..	18
All infants per 1,000 live births	..	17.80

STATISTICS AND SOCIAL CONDITIONS OF THE AREA, continued

EXTRACTS FROM VITAL STATISTICS, continued

Neo-Natal Mortality Rate

Deaths of infants under 4 weeks of age	..	..	..	..	..	10
Death rate per 1,000 live births	..	..	..	..	..	9.89

Early Neo-Natal Mortality Rate

Deaths of infants under 1 week of age	..	..	..	..	..	8
Death rate per 1,000 live births	..	..	..	..	..	7.91

The following table shows the average Birth, Death and Infant Mortality Rates for five yearly periods from 1910-1959 and Rates for the years 1960 and 1961 (crude):-

Period	Birth Rate per 1,000 of estimated population	Death Rate per 1,000 of estimated population	Infant Mortality per 1,000 births
1910 to 1914 ...	25.1	13.4	105
1915 to 1919 ...	22	18	97
1920 to 1924 ...	22.1	12.3	73
1925 to 1929 ...	19.53	12.96	73.2
1930 to 1934 ...	16.86	12.1	58
1935 to 1939 ...	16.01	12.02	53.48
1940 to 1944 ...	20.29	14.64	65.57
1945 to 1949 ...	22.55	14.97	36.24
1950 to 1954 ...	16.04	10.61	31.39
1955 to 1959 ...	18.30	9.48	20.14
1960 ...	20.37	9.24	20.25
1961 ...	20.38	10.38	17.80

The following table shows the percentage of deaths occurring at different age groups:-

Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and over
3.5	-	0.4	0.8	2.5	23.3	69.5

Deaths of persons aged 65 years and over:-

Age	M.	F.
65 - 69	37	18
70 - 74	42	44
75 - 79	45	41
80 - 84	23	47
85 - 89	14	24
90 - 94	5	12
95 - 100	2	4
TOTAL	168	190

INFANTILE MORTALITY

The following table shows the causes of infantile deaths in relation to age.

Disease	(a) Under 12 hours	(b) 13-24 hours	(c) 2-7 days	(d) 8-28 days	(e) Over 28 days	(f) Total
1. Congenital Malformation	3	-	-	1	2	6
2. Atelectasis	2	-	-	-	-	2
3. Prematurity	-	-	1	-	-	1
4. Gastro Enteritis	-	-	-	-	2	2
5. Meningococcal Infection	-	-	-	-	1	1
6. Pneumonia	-	-	-	-	1	1
7. Bronchitis	-	-	-	-	1	1
8. Other Causes	1	-	1	1	1	4
TOTAL	6	-	2	2	8	18

The following table shows the average increases in population in five yearly periods since 1922:-

Period	Birth Rate	Death Rate	Natural increase per 1,000 Population
1922-1926	20.72	12.2	8.52
1927-1931	18.72	13.02	5.7
1932-1936	15.92	11.68	4.24
1937-1941	17.37	13.42	3.95
1942-1946	21.59	13.84	7.75
1947-1951	19.85	12.1	7.75
1952-1956	16.35	9.88	6.47
1957-1961	19.76	9.59	10.17

TOTAL DEATHS, 1961

Chatham M.B.						
Causes of Death					M.	F.
All Causes					280	235
1.	Tuberculosis, respiratory	..	..		4	1
2.	Tuberculosis, other	..	..	..	1	-
3.	Syphilitic disease	..	..	..	-	1
4.	Diphtheria	..	..	..	-	-
5.	Whooping cough	..	..	..	-	-
6.	Meningococcal infections	..	..		1	-
7.	Acute poliomyelitis	...	..	..	-	-
8.	Measles	..	..	..	1	-
9.	Other infective and parasitic diseases				-	1
10.	Malignant neoplasm, stomach	..	..		7	6
11.	Malignant neoplasm, lung, bronchus	..			28	4
12.	Malignant neoplasm, breast	..	..		-	7
13.	Malignant neoplasm, uterus	..	..		-	3
14.	Other malignant and lymphatic neoplasms	..	..	..	19	29
15.	Leukaemia, Aleukaemia	..	..	..	1	1
16.	Diabetes	..	..	..	1	1
17.	Vascular lesions of nervous system	..			29	30
18.	Coronary disease, angina	..	..		55	28
19.	Hypertension with heart disease	..			6	10
20.	Other heart disease	..	..	..	17	42
21.	Other circulatory disease	..	...		10	12
22.	Influenza	..	..	..	5	6
23.	Pneumonia	..	..	..	10	13
24.	Bronchitis	..	..	..	24	7
25.	Other diseases of respiratory system	..			2	1
26.	Ulcer of stomach and duodenum	..	..		6	2
27.	Gastritis, enteritis and diarrhoea	..			1	4
28.	Nephritis and nephrosis	..	..		1	1
29.	Hyperplasia of prostate	..	..		12	-
30.	Pregnancy, childbirth, abortion	..			-	-
31.	Congenital malformations	..	..		7	2
32.	Other defined and ill-defined diseases	..	..	..	18	18
33.	Motor vehicle accidents	..	..		8	1
34.	All other accidents	..	..	..	3	1
35.	Suicide	..	..	..	3	3
36.	Homicide and operations of war	..			-	-

SECTION B

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES

(a) Notifiable Diseases (Other than Tuberculosis) during the year 1961

Diseases	Total Cases Notified	Treated in Hospital
Scarlat Fever	6	-
Pneumonia (Primary or Influenzal)	11	-
Puerperal Pyrexia	6	1
Erysipelas	4	-
Measles	1,183	1
Whooping Cough	45	2
Dysentery	7	-
Food Poisoning	1	-
Acute Encephalitis (Post Infectious)	1	1
Acute Poliomyelitis (P)	1	1

(b) Notifiable Diseases (Ages)

	Whooping Cough	Measles	Scarlet Fever	Pneumonia	Puerperal Pyrexia	Erysipelas	Acute Encephalitis (Post Infectious)	Food Poisoning	Acute Poliomyelitis(P)	Dysentery
Under 1	7	41	-	-	-	-	-	-	-	-
1 - 2	7	298	1	-	-	-	-	-	-	-
3 - 4	8	305	1	-	-	-	-	-	1	2
5 - 10	20	523	3	1	-	-	1	-	-	3
11 - 15	3	13	-	2	-	-	-	-	-	-
16 - 20	-	2	1	1	1	1	-	-	-	-
21 - 25	-	-	-	-	3	-	-	-	-	-
26 - 35	-	1	-	2	2	-	-	-	-	2
36 - 45	-	-	-	-	-	-	-	-	-	-
46 - 65	-	-	-	1	-	2	-	1	-	-
66 up	-	-	-	4	-	1	-	-	-	-
TOTALS	45	1183	6	11	6	4	1	1	1	7

(c) Notifiable Diseases (Wards)

St. Mary's	1	54	1	1	-	-	-	-	-	-
St. John's	19	505	2	1	2	-	-	-	-	7
St. Michael's	5	115	-	3	1	2	-	-	-	-
St. Paul's	8	163	2	3	1	1	1	1	1	-
Luton	6	198	-	2	1	1	-	-	-	-
Christchurch	6	148	1	1	1	-	-	-	-	-
TOTALS	45	1183	6	11	6	4	1	1	1	7

(d) Notifiable Diseases (By Months of Year)

January	10	166	1	2	1	1	-	-	-	-
February	4	356	-	3	-	-	-	-	-	-
March	10	450	-	4	-	1	1	-	-	-
April	7	156	1	-	-	-	-	-	-	6
May	1	41	-	1	-	-	-	-	-	1
June	1	5	-	-	-	-	-	-	-	-
July	3	3	1	-	-	-	-	1	1	-
August	5	4	-	-	1	-	-	-	-	-
September	2	2	-	-	-	1	-	-	-	-
October	2	-	2	-	1	1	-	-	-	-
November	-	-	1	-	2	-	-	-	-	-
December	-	-	-	1	1	-	-	-	-	-
TOTALS	45	1183	6	11	6	4	1	1	1	7

(e) Table Showing Number of Cases of Infectious Diseases, 1931-1961

Year	Measles	Whooping Cough	Scarlet Fever	Diphtheria	Typhoid and Paratyphoid Fever	Puerperal Pyrexia	Erysipelas	Malaria	Ophthalmia Neonatorum	Pneumonia	Meningococcal Infection	Acute Poliomyelitis	Acute Encephalitis	Dysentery	Food Poisoning
1931			58	26	2	6	11	-	1	20	-	1	-	-	-
1932			149	11	16	4	11	-	4	21	6	-	-	-	-
1933			146	25	2	1	10	-	2	29	2	-	-	-	-
1934			114	31	1	2	17	-	2	19	-	-	-	-	-
1935			44	22	2	2	17	-	-	30	-	-	-	-	-
1936			40	25	-	1	21	-	4	20	1	-	-	-	-
1937			160	261	-	9	28	-	3	14	-	4	-	-	-
1938			233	208	4	4	19	-	2	23	-	-	-	-	-
1939			61	86	-	7	10	-	1	19	1	-	-	-	-
1940	79	12	20	13	-	8	14	-	4	22	2	-	-	-	-
1941	413	120	20	4	12	9	4	-	4	12	5	-	-	-	-
1942	417	219	38	8	-	16	7	-	5	32	6	1	-	-	-
1943	412	91	124	16	-	12	17	-	-	44	-	-	-	-	-
1944	201	182	48	12	1	18	18	2	3	29	3	-	-	4	-
1945	446	111	52	9	1	23	16	-	1	34	1	3	1	1	-
1946	568	52	26	2	-	4	16	5	-	27	2	1	-	-	-
1947	189	179	22	7	1	7	11	-	-	20	1	2	-	1	-
1948	723	171	8	-	-	9	15	-	1	24	3	2	1	-	-
1949	34	189	35	-	-	8	8	-	-	19	-	2	-	1	-
1950	567	137	85	-	-	9	20	-	-	28	1	1	-	20	-
1951	1183	396	57	-	-	18	4	-	1	62	-	-	2	46	3
1952	325	253	100	-	2	68	11	-	2	43	2	4	1	1	6
1953	880	205	31	-	-	101	9	1	1	49	1	7	-	33	3
1954	13	174	51	-	-	68	4	-	1	22	1	1	-	152	120
1955	844	173	20	-	-	64	3	-	2	21	2	2(P)	1	1	8
1956	7	82	13	-	4	50	4	-	2	19	-	2(P) 1(NP)	-	20	47
1957	1588	151	18	-	-	41	1	-	-	36	-	9(P) 5(NP)	-	-	7
1958	30	106	189	-	-	8	3	-	-	37	-	2(P)	-	33	11
1959	879	107	70	-	4	12	3	-	1	30	-	-	-	22	53
1960	256	41	38	-	-	9	4	-	-	12	1	-	-	202	1
1961	1183	45	6	-	-	6	4	-	-	11	-	1(P)	1	7	1

The following information, relating to Immunisation and Vaccination, is given through the courtesy of the County Medical Officer, Kent County Council:-

(A) DIPHTHERIA AND WHOOPING COUGH IMMUNISATION

Year of Birth	Diphtheria Immunisation (Singly or in combination)		Whooping Cough Immunisation (Singly or in combination)
	Primary	Reinforcing	Primary
1961	339	-	338
1960	416	1	414
1959	111	68	83
1958	71	49	55
1957	52	36	41
1952-1956	123	426	76
1947-1951	28	37	2
TOTAL	1140	617	1009

(B) POLIOMYELITIS VACCINATION

Priority Group	2nd Injections	3rd Injections	4th Injections
1957 - 1961	843	719	
1946 - 1956	327	619	
1943 - 1945	30	41	
1933 - 1942	345	374	
1921 - 1932	876	940	
Others	86	123	
School children under 12 years	-	-	3066
TOTAL	2507	2816	3066

(C) SMALLPOX VACCINATION

Age at Date of Vaccination	Number Vaccinated	Number re-vaccinated
Under 1	523	
1	45	
2 to 4	28	
5 to 14	21	
15 or Over	5	2
TOTAL	622	2

Food Poisoning

1. Outbreaks

	No. of outbreaks		No. of cases		Total No. of cases
	Family outbreaks	Other outbreaks	Notified	Otherwise ascertained	
Agent identified	-	-	-	-	-
Agent not identified	-	-	-	-	-

2. Single Cases

	No. of cases		Total No. of cases
	Notified	Otherwise ascertained	
Agent identified	Salmonella Anatum and Kentucky 1	-	1
Agent not identified	-	-	-

Scabies Treatment

Arrangements can be made through the Public Health Department, Chatham, (Telephone 44751/5).

Clean Food Campaign

Continued attention was given to maintaining and improving the standard of hygiene in food and food preparing premises throughout the Borough. Lectures were given to various organisations.

Venereal Disease

The treatment centre for the Medway Area is situated at 36 New Road, Rochester. I am indebted to Dr. C. D. Routh, Director, for the following particulars:-

New Patients - Chatham			<u>Male</u>	<u>Female</u>	<u>Total</u>
Syphilis	..	..	3	2	5
Gonorrhoea	..	..	10	10	20
Other Conditions	..		<u>56</u>	<u>23</u>	<u>79</u>
			<u>69</u>	<u>35</u>	<u>104</u>

Total No. of new patients from all districts served	413
Total attendances of Chatham patients	.. .. 817
Total attendances of patients from all districts served	.. .. .. 2973

Discharges (all districts)

Discharged Cured:-

Syphilis	..	..	..	..	..	21
Gonorrhoea	..	..	..	..	..	75
Other Conditions	..	..	..	..	..	263

Defaulted Before Final Tests of Cure (Chatham Area)

Gonorrhoea	..	..	..	..	..	2
Other Conditions	..	..	..	..	..	2

Venereal Disease, continued

The following table shows the number of cases from Chatham since 1953:-

	1953	1954	1955	1956	1957	1958	1959	1960	1961
Gonorrhoea	15	9	10	14	19	23	30	40	20
Syphilis	8	10	5	13	11	11	4	7	5
Chancroid	-	-	1	-	-	-	-	-	-
Other Conditions	45	50	40	57	52	50	72	80	79

Notification of Tuberculosis

Pulmonary

Primary Notifications	..	..	..	..	..	38
Private Practitioners	..	..	..	..	3	
Hospitals	..	..	..	..	11	
Chest Physician	..	..	..	..	24	
Transferred from other districts	..	..	..	..	23	
Reinstated Cases	..	..	..	..	3	

Non-Pulmonary

Primary Notifications	..	..	..	..	3	
Private Practitioners	..	..	..	..	-
Hospitals	..	..	..	..	2	
Chest Physician	..	..	..	..	1	
Transferred from other districts	..	..	..	..	2	
Reinstated Cases	..	..	..	..	-

Delay in Notification

Tuberculosis was reported as the cause of death in two instances - the persons not having been notified during life as suffering from the disease.

I am indebted to Dr. S. Roy C. Price, Chest Physician, for the following information:-

Particulars of patients from the Chatham Area who attended at the Chest Clinic, Rochester, during the year 1961:-

Pulmonary		Non-Pulmonary	
Adults	Children	Adults	Children
M. F.	M. F.	M. F.	M. F.
26 13	4 5	- 1	1 1

Number of patients dealt with who were found to be non-T.B. 721.

Total Attendances - 1718

Number of patients admitted to Hospital - 43

TABLE SHOWING NEW CASES AND MORTALITY DURING 1961

Age Group	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	-	-	-	-	-	-	-	-
1- 5 years	1	2	1	1	-	-	-	-
6-15 years	3	3	-	-	-	-	-	-
16-25 years	4	2	-	-	-	-	1	-
26-35 years	1	1	-	-	-	-	-	-
36-45 years	4	2	-	1	1	-	-	-
46-65 years	9	2	-	-	2	1	-	-
66 years up	4	-	-	-	1	-	-	-
Age Unknown	-	-	-	-	-	-	-	-
TOTALS	26	12	1	2	4	1	1	-

REGISTERED CASES OF TUBERCULOSIS AS AT 31ST DECEMBER IN EACH YEAR:-

<u>Year</u>	<u>Pulmonary</u>	<u>Non-Pulmonary</u>	<u>Total</u>	<u>Deaths</u>
1946	245	88	333	37
1947	259	102	361	34
1948	266	56	322	38
1949	291	72	363	30
1950	308	72	380	22
1951	322	69	391	20
1952	352	68	420	25
1953	392	70	462	8
1954	398	59	457	18
1955	410	58	468	6
1956	409	60	469	9
1957	407	53	460	7
1958	397	49	446	-
1959	406	47	453	3
1960	389	51	440	7
1961	382	54	436	6

Average number of Notifications, Deaths and Rates in 5 yearly periods from 1935-1959 and the years 1960 and 1961:-

Year	Population	Pulmonary Tuberculosis				Non-Pulmonary Tuberculosis				Totals			
		Notifi- cations	Notifi- cation Rate Per 1,000 persons living	Deaths	Death Rate Per 1,000 persons living	Notifi- cations	Notifi- cation Rate Per 1,000 persons living	Deaths	Death Rate Per 1,000 persons living	Notifi- cations	Notifi- cation Rate Per 1,000 persons living	Deaths	Death Rate Per 1,000 persons living
1935-1939	44,732	45	1.00	28	.62	12	.27	3	.07	57	1.27	31	.69
1940-1944	35,752	63	1.76	33	.92	12	.34	6	.17	75	2.10	39	1.09
1945-1949	39,932	71	1.78	32	.80	15	.38	4	.10	86	2.15	36	.90
1950-1954	50,090	75	1.50	18	.36	10	.20	1	.02	85	1.70	19	.38
1955-1959	50,436	43	.85	5	.10	4	.08	-	.00	47	.93	5	.10
1960	50,910	24	.47	7	.14	3	.06	-	.00	27	.53	7	.14
1961	49,610	38	.77	5	.10	3	.06	1	.02	41	.83	6	.12

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA

Rainfall during 1961.

I am indebted to A.A. Chapman, Esq., A.M.I.C.E., M.I.W.E., for the following figures taken at the Luton Pumping Station:-

January	Total depth in inches	2.85
February	" " " "	2.15
March	" " " "	0.05
April	" " " "	1.90
May	" " " "	1.23
June	" " " "	1.73
July	" " " "	0.99
August	" " " "	1.14
September	" " " "	1.96
October	" " " "	3.70
November	" " " "	2.36
December	" " " "	3.41
TOTAL		<u>23.47</u>

Water.

Supply is by the Medway Water Board and has been satisfactory both in quality and quantity. 34 samples of water were taken for bacteriological examination, each of which showed a good result. Chlorination is still carried out.

Premises with internal mains supply 15,031.

Five properties are supplied by means other than mains. In addition, there are two standpipes.

Drainage, Sewerage and Sewage Disposal

The number of houses connected to the public sewer during the year was:-

New Houses:-

Corporation Property:

Houses	..	..	..	..	12
Old Persons Flats	..	..	..	..	25
Warden's Flat	..	..	..	..	1
Private	..	..	..	..	258*
Existing Houses	..	..	..	..	<u>31</u>
Total connected during year	..	..	..	..	<u>327</u>

*Includes 32 in Malling R.D.C.

ALL SAINTS HOSPITAL

Month	Rainfall During Month Inches	Mean Rain Fall	Prevailing Wind	Monthly Deposit in Tons Per Square Mile										Milligrammes SO ₂ per 100 sq. cms. Lead Peroxide
				Insoluble Deposit	Soluble Deposit	Total Solids	Water Insoluble Matter			Water Soluble Matter				
							Soluble in Carbon Bisulphide	Ash	Other Combustible Matter	Calcium	Chlorides	Sulphates		
January	2.85	2.66	S.W.	4.59	5.04	9.63	0.14	3.04	1.41	0.78	0.99	1.50	1.55	
February	2.15	2.155	S.W.	5.70	5.40	11.10	0.12	3.67	1.91	0.83	0.73	2.03	1.33	
March *	0.05	0.035	N.W.	-	-	-	-	-	-	-	-	-	-	
April	1.90	1.86	S.W.	3.32	3.38	6.70	0.11	2.12	1.09	0.55	0.43	1.11	0.60	
May	1.23	1.39	N.E.	6.32	5.30	11.62	0.12	4.54	1.66	0.93	0.53	1.50	0.68	
June	1.73	1.665	S.W.	6.27	5.67	11.94	0.11	4.08	2.09	1.11	0.46	1.34	0.60	
July	0.99	1.07	S.W.	6.63	4.11	10.74	0.10	4.70	1.83	1.17	0.66	1.83	0.39	
August	1.14	1.12	S.W.	6.21	5.70	11.91	0.08	3.80	2.33	1.33	0.50	1.62	0.67	
September	1.96	2.41	S.W.	5.09	6.63	11.72	0.08	3.46	1.55	0.79	0.50	2.32	0.64	
October	3.70	3.635	S.W.	4.53	7.82	12.35	0.12	2.81	1.60	0.92	1.52	3.06	1.15	
November	2.36	2.44	S.W.	5.48	13.72	19.20	0.15	3.86	1.47	1.78	2.65	4.01	1.83	
December	3.41	3.505	S.W.	4.34	8.02	12.36	0.11	3.06	1.17	1.76	1.26	3.20	2.16	

FORT PITT SCHOOL

January	2.85	2.66	S.W.	3.18	10.14	13.32	0.09	2.17	0.91	1.53	1.52	3.11	1.72
February	2.15	2.155	S.W.	6.25	7.49	13.74	0.08	4.38	1.79	1.43	0.66	2.70	1.43
March	0.05	0.035	N.W.	10.51	9.06	19.57	0.08	6.59	3.84	2.25	0.48	3.40	1.59
April	1.90	1.86	S.W.	4.13	5.07	9.20	0.07	2.81	1.25	1.05	0.33	1.94	0.66
May	1.23	1.39	N.E.	6.79	8.62	15.41	0.10	4.93	1.77	1.81	0.56	2.62	0.72
June	1.73	1.665	S.W.	5.84	9.91	15.75	0.11	3.83	1.89	2.07	0.56	2.09	0.68
July	0.99	1.07	S.W.	5.18	7.03	12.21	0.08	3.58	1.52	1.69	0.60	1.93	0.68
August	1.14	1.12	S.W.	5.90	8.52	14.42	0.06	3.84	2.00	2.16	0.43	2.36	0.60
September	1.96	2.41	S.W.	4.08	7.79	11.87	0.07	3.07	0.95	1.24	0.56	3.27	0.48
October	3.70	3.635	S.W.	3.38	7.62	11.00	0.08	2.16	1.14	1.16	1.39	2.57	1.92
November	2.36	2.44	S.W.	5.79	18.63	24.42	0.14	3.93	1.73	3.17	3.25	5.60	1.52
December	3.41	3.505	S.W.	12.70	10.07	22.77	0.11	3.16	9.44	2.22	1.46	4.23	1.63

STROOD CEMETERY

January	2.47	2.66	S.W.	7.09	11.33	18.42	0.03	5.69	1.37	2.36	0.93	2.92	1.43
February	2.16	2.155	S.W.	9.20	12.00	21.20	0.06	7.15	2.00	2.69	0.66	4.50	1.13
March	0.02	0.035	N.W.	8.18	9.23	17.41	0.05	6.61	1.52	2.28	0.04	3.88	1.46
April	1.86	1.86	S.W.	5.24	9.34	14.58	0.04	4.18	1.02	2.36	0.46	3.22	0.60
May	1.55	1.39	N.E.	5.06	7.62	12.68	0.05	3.83	1.18	1.72	0.55	2.32	0.63
June	1.60	1.665	S.W.	13.45	10.34	23.79	0.09	10.40	2.97	2.45	0.46	2.46	0.75
July	1.15	1.07	S.W.	8.07	15.71	23.78	0.06	6.35	1.66	5.67	2.09	2.87	0.80
August	1.10	1.12	S.W.	6.02	9.84	15.86	0.04	4.89	1.08	2.59	0.50	2.77	0.73
September	2.41	5.86	S.W.	5.86	13.79	19.65	0.03	4.52	1.31	2.88	0.73	4.44	0.61
October	3.57	3.635	S.W.	4.46	10.80	15.26	0.08	3.49	0.90	2.38	1.46	3.55	0.84
November	2.44	2.44	S.W.	6.90	17.43	24.33	0.12	5.24	1.54	3.34	2.39	5.19	1.43
December *	3.51	3.505	S.W.	-	-	-	-	-	-	-	-	-	-

* Gauges out of action.

CHIEF PUBLIC HEALTH INSPECTOR'S REPORT FOR 1961

To the Mayor, Aldermen and Councillors of the Borough of Chatham.

Your Worship, Mesdames and Gentlemen,

I have pleasure in submitting the Annual Report on the work of the Public Health Department for the year 1961.

Slum Clearance: 4 areas, involving 87 properties also 5 individual houses were represented. The number of properties demolished during the year was 33.

Gypsy Encampment: Clearance is progressing and half the sites have been vacated. The occupants are re-housed in Council accommodation after the sites are purchased by the Chatham Borough Council when there is no possibility of the area reverting to its former use. Eventually it will become a Public Open Space with a splendid view of the Luton Valley.

Clean Air Act: No. 1 Area was confirmed by the Minister. Operational date 1st November, 1962. No. 2 Area comprising 3,000 houses has been surveyed and submitted to the Minister for confirmation.

Food Hygiene: The general public are now demanding higher standards of cleanliness in food preparation. 48 cases of complaints of foreign bodies in food were reported to the Department, resulting in ten prosecutions. The remainder were dealt with by warning letters to manufacturers, informal action and passing to other authorities.

Slaughterhouse: The privately owned slaughterhouse complies with the requirements of the Slaughterhouse (Hygiene) Regulations, 1958, and a Stunning Pen is provided for bovines. All animals slaughtered are inspected.

I would like to record my appreciation of the Assistance and co-operation I have had from all members of the Staff and from my Colleagues in other Departments.

Yours obediently,

T. HOWARD

Chief Public Health Inspector

Public Health Department,
CHATHAM.

9th November, 1962.

SECTION D.

HOUSING

(1) Inspection of Dwelling Houses during the Year.

(a) 1. Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	1,021
2. Number of inspections made for the purpose	2,813
(b) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	338
(c) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation (excluding clearance areas)	5
(d) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	64

(11) Remedy of Defects During the Year without Service of Formal Notices

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers	47
--	----

(111) Action Under Statutory Powers During the Year

(a) Public Health Acts:-

1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied	25
2. Number of dwelling houses in which defects were remedied after service of formal notices:-	
(a) by owners	27
(b) by Local Authority in default of owners	NIL

(b) Housing Act, 1957 - Sections 9, 10 and 12:-

1. Number of dwelling houses in respect of which notices were served requiring repairs	NIL
2. Number of dwelling houses which were rendered fit after service of formal notices:-	
(a) by owners	NIL
(b) by Local Authority in default of owners	NIL

(111) Action Under Statutory Powers During the Year, continued

(c) Housing Act, 1957 - Section 17:-

1. Number of dwelling houses in respect of which Demolition Orders were made	2
2. Number of dwelling houses demolished in pursuance of Demolition Orders	11
3. Number of dwelling houses in respect of which Closing Orders were made	2

(d) Housing Act, 1957 - Section 16(4):-

Number of dwellings in respect of which undertakings were cancelled, the premises having been rendered fit for human habitation	2
---	---

(e) Housing Act, 1957 - Section 27(2)

Number of dwelling houses in respect of which Closing Orders were determined, the premises having been rendered fit for human habitation	2
--	---

Clearance Areas

The following areas were represented by the Medical Officer of Health:-

Willmotts Square	4 houses
Bryant Street and Prospect Row	78 "
Clover Street	2 "
Cross Street	3 "

Number of Houses Demolished 16

Local Authority Owned Houses

Number Demolished 9

Unfit Houses included in

Unfitness Orders

Number Demolished 8

New Houses During 1961

(a) The total number of dwelling houses on plans submitted during 1961 was:-

Houses	185
--------	----	----	----	----	----	-----

(b) The total number of dwelling houses completed during 1961 237

(1) by Local Authority - Houses	12
---------------------------------	----	----	----	----	----	----

Flats	26
-------	----	----	----	----	----	----

(2) by other Persons	199
----------------------	----	----	----	----	----	-----

Re-Housing of Council House Applicants

During the year, removals were undertaken by this Department and in some cases fumigation was carried out to the household effects.

Rent Act, 1957

1. Number of applications for certificates ...	3
2. Number of decisions not to issue certificates	-
3. Number of decisions to issue certificates ...	2
(a) in respect of some but not all defects	-
(b) in respect of all defects	2
4. Number of undertakings to remedy defects	
given by landlords	-
5. Number of certificates issued	2
6. Objections by tenants to cancellation of	
certificates	1
7. Certificates cancelled by Local Authority ...	-
8. Applications by landlords to Local Authority	
for cancellation of certificates	1

Slaughter of Animals Act, 1958

The number of licensed slaughtermen on the register at the 31st December, 1961, was 15.

Pet Animals Act, 1951

Three shop premises were licensed for the sale of Pet Animals.

Rodent Control

Visits by the Rodent Operator during 1961:-

Dwelling-houses	939
Business Premises	382
Farms	87
Corporation property	9
No. of rats caught in dwelling houses	55
" " " " " business premises	37
" " " " " at farms	37
" " " " " on Corporation property	1

The number of complaints of infestations received from local residents was 300.

There is no charge for this service.

The manholes of the foul sewers were test baited and treated during May and November, with the following results:-

May	- No. of manholes test baited	136
	No. of manholes showing bait take	17
	No. of manholes treated	42
	No. of manholes showing poison take	22
November	- No. of manholes treated	41
	No. of manholes showing poison take	2

FOOD AND DRUGS ACT, 1955

During the year 141 samples of food and drugs were submitted for analysis as per the following table:-

Description	No. of Samples		Results of Analysis		
	Formal	Informal	Adulterated		Genuine
			Formal	Informal	
Almond Flavouring		1			1
Beer		1			1
Bread		4		3	1
Biscuits		1			1
Bitter Lemon		2			2
Butter		1			1
Cakes		9			9
Cake Mix		1			1
Cereal		1			1
Cheese Spread		2			2
Cheese Whiz		1			1
Cheesies		1			1
Chicken Broth		1			1
Chocolate		4			4
Coffee		1			1
Cooking fat		1			1
Cream		1			1
Creamola Foam Crystals ..		1			1
Crisps		1			1
Curry		1			1
Custard		1		1	
Desiccated Coconut ..		1			1
Dressed Crab		2			2
Fish Paste		1			1
Flavoured Milk Drink ..		2			2
Flour		1			1
Food Colouring		1			1
Frosting Mix		1			1
Fruit		6			6
Glucose		1			1
Ground Almonds		1			1
Halibut Liver Oil Capsules		1			1
Carried forward		55		4	51

Description	No. of Samples		Results of Analysis		
			Adulterated		Genuine
	Formal	Informal	Formal	Informal	
Brought forward		55		4	51
Ice Cream		4			4
Iodized Throat Tablets ..		1		1	
Jam		2			2
Jelly		2			2
Margarine		3			3
Marzipan		1			1
Meat Paste		1			1
Meat Pudding		1			1
Milk	20	7		1	26
Milk (Tins)		2			2
Nerve Tonic		1			1
Nutmeg		2			2
Pearl Barley		1			1
Pepper		1			1
Pickled Cabbage		1			1
Pork Pie (Meat from) ..		1		1	
Pork Sausage Meat		2			2
Prunes		1			1
Rice Pudding		1			1
Salmon Spread.. ..		1			1
Salmon (Tinned)		1			1
Sal. Volatile.. ..		1			1
Sauce		3			3
Sausages		2			2
Sliced Braised Beef.. ..		1			1
Soft Drinks		8		1	7
Soft Drink Powder		2			2
Soup		2			2
Stuffed Pork Roll		1			1
Sunny Spread		1			1
Sweets		5		1	4
Tea		1			1
Tongue and Ham Roll.. ..		1			1
Vegetable Juices		1			1
TOTALS	20	121	-	9	132

ADULTERATED SAMPLES

The following are details of the adulterated samples shown in the table on pages 29 and 30.

Milk (Smell from Bottle of). Warning letter was sent to the Company concerned.

Rum and Butter Flavoured Toffees. This sample contained 2.5 per cent butter fat; the Code of Practice requires butter sweets to contain at least 4.0 per cent. Public Analyst wrote to the Company concerned regarding this matter.

Orangeade. This was a bottle, rather less than half full, containing a bent pin similar in size and shape to a 'nappy pin'. Nothing was found to indicate that the drink had been rendered injurious to health. Warning letter was sent to the Company concerned.

Pork Pie (Meat from). This sample had embedded in it a piece of black material rather less than $\frac{1}{2}$ " x $\frac{1}{4}$ " which had the physical characters of rubber. Warning letter was sent to the Company concerned.

Bread.(a) This sample consisted of the end slice of a loaf containing discoloured areas near the top. These consisted of soiled dough with a few small fibres probably from sacking. Legal proceedings were instituted under the Food and Drugs Act, 1955. The defendants were fined £25.0s.0d. and ordered to pay an advocate's fee of £5.5s.0d. and witnesses' costs of £1.1s.0d.

(b) Black material embedded in the crumb of the loaf was of the nature of bakehouse char. Warning letter was sent to the Company concerned.

(c) This sample contained a lump of dark foreign matter, considered to be soiled dough. Warning letter was sent to the Company concerned.

Custard Powder. This sample contained 1.1 per cent material mostly in form of small lumps. Some of these were deep orange in colour due to a concentration of the artificial colour in them. Others, pale yellow, contained minute specks of metallic iron. Legal proceedings were instituted under the Food and Drugs Act, 1955. The defendants were fined £10.0s.0d. and ordered to pay an advocate's fee of £5.5s.0d. and witnesses' costs of £2.11s.0d.

Iodized Throat Tablets. This informal sample contained 0.3 per cent Phenol (claim 0.87 per cent). A formal sample was taken giving the same result. The matter was referred to the Pharmaceutical Society.

In addition to the above, the following samples, which were brought to the Department by members of the public, were dealt with as follows:-

(a) Legal proceedings were instituted in respect of the following complaints

1. Savoury roll containing finger dressing. Defendants were fined £10.0s.0d.

and ordered to pay an advocate's fee of £3.3s.0d.

2. Bread containing piece of metal. Defendants were fined £30.0s.0d. and ordered to pay an advocate's fee of £7.7s.0d.

3. Mould in Small Loaf. Defendants were fined £25.0s.0d. and ordered to pay an advocate's fee of £7.7s.0d.

4. Mould in Savoury Rolls. Defendants were fined £15.0s.0d. and ordered to pay an advocate's fee of £5.5s.0d.

5. Mould on Cornish Pastie. Defendants were fined £15.0s.0d. and ordered to pay an advocate's fee of £5.5s.0d.

6. Rivet in Sponge Cake. Defendants were fined £100.0s.0d. and ordered to pay an advocate's fee of £5.5s.0d. Appeal was made and the fine was reduced from £100.0s.0d. to £50.0s.0d. without making any award as to costs.

(b) Cases dismissed where legal proceedings had been instituted

1. Maggots in Semolina. The Company concerned pleaded not guilty, the case was dismissed, and the Corporation was ordered to pay cost of £15.15s.0d.

2. Mould in Steak & Kidney Pie. The case was dismissed and costs of £5.5s.0d. were awarded against the Corporation.

(c) Legal proceedings withdrawn

1. Mould in loaf of bread.

2. Foreign body in Cornish Pastie.

(d) Complaints referred to Other Authorities

1. Assorted biscuits

2. Bun containing piece of wood

(e) Complaints dealt with informally

1. Meat (4)
2. Frozen Peas
3. Cakes (6)
4. Soft drinks (4)
5. Ham Rolls
6. Sugar
7. Jam
8. Bread (4)
9. Milk
10. Fish
11. Coffee
12. Milk
13. Pickles
14. Butter

Samples for Bacteriological Analysis. Public Health Laboratory, Preston Hall,
British Legion Village, Maidstone.

The following samples were collected for analysis:-

WATER

34 water samples were found to be satisfactory.

MILK

157 samples of milk were taken with the following results:-

Class of Milk	Number of Samples Tested	Appropriate Tests	No. of Samples		
			Passed	Failed	Void
Pasteurised	93	Phosphatase	92	1	-
		Methylene Blue	85	5	3
Sterilised	3	Turbidity	3	-	-
Tuberculin Tested (Pasteurised)	56	Phosphatase	55	1	-
		Methylene Blue	54	1	1
Tuberculin Tested (Raw)	5	Methylene Blue	5	-	-

Raw Milk

Two samples were submitted for biological examination. Both were satisfactory.

The Milk (Special Designation) Regulations, 1960

Licences for the period ending 31st December, 1965:-

Dealers' (Sterilised)	..	..	116
Dealers' (Pasteurised)	..	..	37
Dealers' (Tuberculin Tested)	..		11
Dealers' (Pasteurised)	..	..	1

Milk and Dairies (General) Regulations, 1959

No. of Milk Distributors	..	..	..	113
No. of Dairies (not being dairy farms)	..			1

80 Visits to Dairies were made during the year.

MEAT AND OTHER FOOD INSPECTIONS

Carcases Inspected and Condemned

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number inspected	922	37	399	1,466	8,007	-
<u>All Diseases except Tuberculosis & Cysticerci</u>						
Whole carcasses condemned	1	1	-	7	7	-
Carcases of which some part or organ was condemned	159	19	1	49	944	-
Percentage of the number inspected affected with disease other than tuberculosis & cysticerci	17.35	54.05	0.25	3.82	11.88	-
<u>Tuberculosis Only</u>						
Whole carcasses condemned	-	-	-	-	1	-
Carcases of which some part or organ was condemned	1	-	-	-	62	-
Percentage of the number inspected affected with tuberculosis	0.11	-	-	-	0.79	-
<u>Cysticercosis</u>						
Carcases of which some part or organ was condemned	-	-	-	-	-	-
Carcases submitted to treatment by refrig- eration	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

Thirteen Cysticercus Bovis carcasses from outside the Borough were brought to one of the cold stores for refrigeration treatment.

Unsound Food Voluntarily Surrendered, 1961

The total amount of meat and other foods condemned was 6 tons 19 cwt. - qrs. 7 lbs.

	Tons	cwt.	qrs.	lbs.
Total weight of meat condemned	5	8	3	6
Total weight fish condemned	-	6	1	22
Total weight tinned and other foods condemned	1	3	3	7

All condemned meat is disposed of to a firm of by-products manufacturers.

Tinned foods are punctured and buried along with the household refuse.

Inspection of Meat and other Foods

The following table shows the number of carcasses inspected since 1946:-

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Total
1946	1920	1065	3326	5079	1429	12819
1947	1850	349	986	2709	684	5578
1948	443	54	-	5	322	824
1949	324	63	2	3	547	939
1950	369	28	-	2	584	983
1951	494	11	-	2	947	1454
1952	350	12	35	2662	2317	5376
1953	12	-	-	-	1857	1869
1954	378	90	136	617	3728	4332
1955	597	329	336	1473	5090	7825
1956	629	256	467	1733	4458	7543
1957	664	168	316	1177	6611	8936
1958	579	64	219	925	8382	10169
1959	495	34	260	1325	5989	8103
1960	638	49	345	1251	6255	8538
1961	922	37	399	1466	8007	10831

There is one slaughterhouse in the Borough and one Knacker Yard, for which licences have been granted.

Food Premises

Bakehouses	5	Greengrocers' and	
Butchers' Shops	36	Fruiterers' Shops	49
Butchers' and Provisions Shops	3	Greengrocers and Fruiterers	
Cafes and Restaurants.. ..	36	(Wholesale)	5
Canteens and Clubs	18	Grocers' Shops	63
Caterers	3	Grocers' and Greengrocers' Shops	20
Chemists' Shops	16	Hotels	4
Cold Stores and Meat Importers	4	Ice Cream Manufacture	3
Confectioners' Shops	19	Ice Cream Store (Bulk)	1
Egg Retailer	1	Millers	1
Egg and Poultry Merchants		Off Licence Premises	10
(Wholesale)	1	Public Houses	76
Fish Shops (Wet)	6	Self Service Stores	6
Fish Shops (Fried)	4	Snack Bars	7
Fish Shops (Wet and Fried) ..	11	Sweets and Tobacco Shops ..	46
General Shops	29	Stalls	3
General and Greengrocers' Shops	32	Wines and Spirits	
		Merchants (Wholesale)	2

Food and Drugs Act, 1955. Section 16.

Ice Cream

Three premises are registered for the manufacture of ice cream and two hundred and forty-two for the sale and storage of ice cream.

Preserved Food

There are nine premises registered for the preparation or manufacture of sausages or preserved food.

Disinfestation and Disinfection

Bedding from Council House Applicants disinfested	4
Furniture from Council House Applicants fumigated	4
Rooms disinfested for vermin	113
Bedding disinfested for vermin	5
Infectious diseases - bedding disinfested	11
Infectious diseases - rooms disinfested	18
Wasps' Nests destroyed	22

Removal of Rubbish, etc.

During the year, 170 loads of rubbish, etc. were removed.

Rag Flock and Other Filling Materials Act, 1951

There are no Rag Flock Manufacturing premises within the Borough but three premises where filling materials are utilised are registered. These premises are satisfactory.

Cesspool Work

The number of old houses connected to the Corporation Sewer during the year 1961 was 34. This means that some 30 leaking cesspools have been abolished.

675 complaints of choked drains and cesspool overflows were received, and it was found possible to clear 620 drains from obstruction. Overflowing cesspools made up the remainder of the complaints. The number of cesspools emptied was 55. The emptying of cesspools beyond the ends of the sewers is undertaken by a contractor.

Camping Sites

There are no Summer camping sites within the Borough.

Caravan Sites and Control of Development Act, 1960

One licence was issued.

Notices Served

During the year the following Notices were served:-

No. of Informal Notices	.. .. .	78
No. of Statutory Notices served due to 1961		
Informal Notices not being complied with		49
No. of Statutory Notices served due to 1960		
Informal Notices not being complied with		11
Total No. of Statutory Notices served during		
the year	.. .. .	60

The following were completed:-

No. of Informal Notices completed without a		
Statutory Notice having been served	..	45
No. of Statutory Notices completed	..	81
Total No. of Notices completed in year 1961		*126

* This figure includes notices completed during the year, but served prior to 1961.

Visits Made by the Public Health Inspectors During the Year

Atmospheric Pollution	..	..	..	..	..	..	86
Bakehouses	..	..	..	..	..	..	21
Cesspool Emptying	..	..	..	..	..	..	57
Clean Air Act, 1956	..	..	..	..	..	..	3178
Cold Store	..	..	..	..	..	..	43
Contagious Diseases of Animals Acts	..	..	..	..	..	..	14
Council House Applicants	..	..	..	..	..	..	61
Dairies	..	..	..	..	..	..	80
Drainage and Subsequent Visits	..	..	..	..	..	..	1048
Drainage Tests (New)	..	..	..	..	..	..	84
Drainage Tests (Old)	..	..	..	..	..	..	45
Factories (P)	..	..	..	..	..	..	221
Factories (NP)	..	..	..	..	..	..	66
Fish Fryers	..	..	..	..	..	..	27
Food and Drugs	..	..	..	..	..	..	249
Food Shops	..	..	..	..	..	..	467
Gypsy Encampment and Caravans	..	..	..	..	..	..	259
House Purchase and Improvement Grants	..	..	..	..	..	..	123
Houses (1st Visits)	..	..	..	..	..	..	683
Houses (Subsequent Visits)	..	..	..	..	..	..	1320
Housing Act (1st Visits)	..	..	..	..	..	..	338
Housing Act (Subsequent Visits)	..	..	..	..	..	..	472
Ice Cream Vendors	..	..	..	..	..	..	121
Infectious Diseases..	..	..	..	..	..	..	500
Knacker Yard	..	..	..	..	..	..	9
Milk (Special Designations)	..	..	..	..	..	..	144
Noise Abatement Act, 1960	..	..	..	..	..	..	19
Outworkers	..	..	..	..	..	..	90
Overcrowding	..	..	..	..	..	..	12
Pet Animals Act, 1951	..	..	..	..	..	..	10
Piggeries	..	..	..	..	..	..	58
Public Health Act, 1936 - Section 75	..	..	..	..	..	..	395
Public Houses	..	..	..	..	..	..	7
Refuse Heaps and Accumulations	..	..	..	..	..	..	280
Rent Act, 1957	..	..	..	..	..	..	21
Restaurants	..	..	..	..	..	..	175
Rodent Control	..	..	..	..	..	..	59
Shops Act, 1950	..	..	..	..	..	..	7
Slaughterhouses	..	..	..	..	..	..	525
Tuberculosis	..	..	..	..	..	..	25

Unsound Food	319
Verminous Premises	213
Water Samples	54
Welfare of Old People	21
Miscellaneous	1339
	<hr/>
Total Visits ..	13345
	<hr/>

Nuisances Abated after service of Notice

Accumulations of Refuse removed	2
Ceilings repaired	8
Cesspools filled in and drains connected to foul sewers ..	19
Chimney stacks repaired	10
Choked Drains cleared	3
Dampness remedied	23
Doors or frames repaired	2
Doors Provided	1
Drains repaired	11
Drains Ventilated	1
Factories Act, 1937 - Remedial Works carried out	10
Firegrates, stoves and kitcheners repaired	3
Firegrates, stoves and kitcheners renewed	2
Floors repaired or renewed	13
Food Hygiene Regulations, 1955 - Contraventions Remedied ..	20
Gutters or downpipes cleared	7
Gutters or downpipes repaired or provided	14
Inspection covers provided	5
Inspection pits repaired	-
Interiors Cleansed	1
Regulation Sanitary Dustbins Provided	68
Roofs repaired	32
Sinks renewed	2
Sink waste pipes repaired	7
Stair treads or steps repaired	1
Walls repaired (external)	18
Walls repaired (internal)	17
Window frames, fasteners, sashcords, sashes, sills repaired ..	43
W.C. pans renewed	4
W.C. seats or risers repaired	2
W.C. structures repaired or rebuilt	1
W.C. supply pipes repaired.. .. .	-
W.C. flushing cisterns repaired or renewed	9
Miscellaneous	9

* Includes 2 provided in default.

APPENDIX "A"

FACTORIES ACTS, 1937 TO 1959

Prescribed Particulars on the Administration of the Factories Act, 1937

PART I OF THE ACT

1 - INSPECTIONS for purposes of provisions as to health.

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1,2, 3, 4 and 6 are to be enforced by Local Authorities	22	66	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	99	221	-	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	-	-	-	-
TOTAL	121	287	-	-

2 - Cases in which DEFECTS were found

Particulars	Number of cases in which defects were found				Number of Cases in which Prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
(1)	(2)	(3)	(4)	(5)	(6)
Sanitary Conveniences (S.7)					
(a) Insufficient	3	3	-	-	-
(b) Unsuitable or defective	1	1	-	-	-
(c) Inadequate Lighting ..	2	2	-	-	-
(d) Not in a clean state ..	3	3	-	-	-
(e) Not adequately screened	1	1	-	1	-
TOTAL	10	10	-	1	-

PART VIII OF THE ACT

OUTWORK

(SECTIONS 110 AND 111)

Nature of Work (1)	Section 110			Section 111		
	No. of out-workers in August list required by Section 110(1)(c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecu- tions for failure to supply lists (4)	No. of instances of work in unwhole- some premises (5)	Notices served (6)	Prose- cutions (7)
Wearing Apparel - Making	105	-	-	-	-	-

APPENDIX "B"

At the request of the Ministry of Health (Circular 1/62 dated 18.1.62) the following information is recorded:-

WATER SUPPLY

(i) The Medway Water Board is responsible for the supply of water to the whole area of the Borough, and the supply is satisfactory both for quality and quantity.

(ii) The water is obtained from underground wells in the chalk and is piped to supply reservoirs for distribution. Reports of bacteriological examination by the Water Board Chemist are received every month on samples taken from the numerous underground wells prior to treatment, and also of water going into supply.

No samples were submitted for chemical analysis during 1961.

(iii) Water is not liable to have plumbo-solvent action.

(iv) Action taken in respect of any form of contamination.

None required.

(v) Number of dwelling houses supplied from public water main:-

(a) Direct to Houses	..	..	15,031
(b) Standpipes	..	..	2

Number of population supplied from Public Water Main:-

(a) Direct to House	..	..	49,589
(b) Standpipes	..	..	5

SEWERAGE

Responsibility for this service lies with the Medway Joint Sewerage Board, and the arrangements for sewerage and sewage disposal in the Borough are reasonably adequate.

REGISTERED COMMON LODGING HOUSES

There are none in the area of the Borough.

APPENDIX "C"

CONFERENCES ATTENDED BY STAFF

<u>Conference</u>	<u>Place Held</u>	<u>Dates</u>	<u>Attended by</u>
Central Council for Health Education (The Road to Maturity)	London	26th January, 1961	Deputy Medical Officer of Health
Royal Society of Health (Health Congress)	Blackpool	24th-28th April, 1961	Medical Officer of Health and Chief Public Health Inspector
Association of Public Health Inspectors	Bournemouth	19th - 22nd September, 1961	Chief Public Health Inspector
National Society for Clean Air	Brighton	4th - 6th October, 1961	Chief Public Health Inspector
Royal Society for the Prevention of Accidents	London	1st November, 1961	Deputy Medical Officer of Health

MEETINGS ATTENDED BY STAFF

<u>Organising Body</u>	<u>Subject</u>	<u>Place Held</u>	<u>Dates</u>	<u>Attended by</u>
Royal Society of Health	The Epidemiology of Congenital Abnormalities	London	11th January,	Deputy Medical Officer of Health
Royal Society of Health	Food Sampling: Changing Trends	London	15th March, 1961	Chief Public Health Inspector, and District Public Health Inspector (Mr. Gaffney)
Royal Society of Health	Imported Foods and the Nation: Some Recent Problems	London	11th October, 1961	District Public Health Inspector (Mr. Moore)

MEETINGS ATTENDED BY STAFF, CONTINUED

<u>Organising</u> <u>Body</u>	<u>Subject</u>	<u>Place Held</u>	<u>Dates</u>	<u>Attended by</u>
Royal Society of Health	Meat Inspection: An Examination of Standards	London	24th November, 1961	Chief Public Health Inspector
Department of Scientific and Industrial Research	Measurement of Air Pollution	London	5th December, 1961	District Public Health Inspector (Mr.A.E.R. South)

COURSES ATTENDED BY STAFF

Central Council for Health Education	Seminar for M.O.'s H.	London	21st - 24th February, 1961	Medical Officer of Health
Association of Public Health Inspectors	Week-end School	Ashford	14th - 16th April, 1961	District Public Health Inspector (Mr. F. C. Gaffney)
Ministry of Agriculture, Fisheries and Food	Rodent Control	Maidstone	28th Septem- ber, 1961	Rodent Operator (Mr. W. T. Southern)
Ministry of Health	Civil Defence	Sunningdale (C.D. Staff College)	15th - 20th October, 1961	Chief Public Health Inspector

APPENDIX "D"

Public Health Legislation

Out of a considerable volume of Public Health legislation, the following are some of the Acts principally administered by the Public Health Department.

Public Health Acts, 1875 - 1961
Public Health Amendment Act, 1890
Public Health Amendment Act, 1907
Merchandise Marks Acts, 1887 - 1953
Fabrics (Misdescription) Act, 1913
Rent and Mortgage Interest Restriction Acts, 1920 - 1930
Chatham Corporation Act, 1923
Housing (Financial Provisions) Acts, 1924 - 1958
Public Health (Smoke Abatement) Act, 1926
Fertilisers and Feeding Stuffs Act, 1926
Slaughter of Animals Acts, 1933 and 1958
Diseases of Animals Acts, 1935 - 1950
Housing Acts, 1930 - 1961
Public Health (Drainage of Trade Premises) Act, 1937
Town and Country Planning Act, 1944, (Schedule V)
National Assistance Acts, 1948 and 1951
Prevention of Damage by Pests Act, 1949
Shops Act, 1950
Slaughter of Animals (Amendment) Act, 1951
Rag Flock and Other Filling Materials, Act, 1951
Pet Animals Act, 1951
Heating Appliances (Fireguards) Act, 1952
Slaughter of Animals (Pigs) Act, 1953
Local Government (Miscellaneous Provisions) Act, 1953
Housing Repairs and Rents Act, 1954
Slaughter-houses Acts, 1954 and 1958
Slaughter of Animals (Amendment) Act, 1954
Food and Drugs Act, 1955
Clean Air Act, 1956
Rent Act, 1957
Housing (Underground Rooms) Act, 1959
House Purchase and Housing Act, 1959
Noise Abatement Act, 1960
Caravan Sites and Control of Development Act, 1960
Licensing Act, 1961
Factories Act, 1961

APPENDIX "E"

(A) PERSONAL HEALTH SERVICES administered by the County Council under Part III National Health Service Act, 1946. The following information is given through the courtesy of the County Medical Officer, Kent County Council.

Clinics and Treatment Centres

Maternity and Child Welfare Centres are provided by the Kent County Council and the days and times of the various clinic sessions are as follows:-

Maternity and Child Welfare

ELM HOUSE, 15 NEW ROAD AVENUE, CHATHAM. (Telephone 44380)

Monday (Ante-Natal) *	..	..	2.0 p.m. - 4.0 p.m.
Monday (Midwives)	..	..	2.30 p.m. - 4.0 p.m.
Tuesday (Child Welfare)	..	..	2.0 p.m. - 4.0 p.m.
Wednesday (Ante-Natal)	..	..	10 a.m. - 11 a.m.
Wednesday (Midwives) *	..	..	1.15 p.m. - 4 p.m.
Thursday (Midwives) *	..	..	2.0 p.m. - 4.0 p.m.
Friday (Child Welfare)	..	..	2.0 p.m. - 4.0 p.m.

WHITE ROAD (Telephone 45767)

Monday (Child Welfare)	..	..	2.0 p.m. - 4.0 p.m.
Tuesday, 2nd and 4th (Midwives)	..	..	9.0 a.m. - 11.0 a.m.
Thursday (Child Welfare)	..	..	2.0 p.m. - 4.0 p.m.

KINGS ROAD (Telephone 44670)

Tuesday, 1st, 3rd, 5th (Ante-Natal)			9.30 a.m. - 11.30 a.m.
Tuesday (Child Welfare)	..	..	2.0 p.m. - 4.0 p.m.
Thursday (Midwives)	..	.	2.0 p.m. - 4.0 p.m.

WALDESLADE CLINIC

Friday (Child Welfare)	2.0 p.m. - 4.0 p.m.
------------------------	----	----	---------------------

WAYFIELD CLINIC (Telephone 43487)

Monday (Child Welfare)	..	..	2.0 p.m. - 4.0 p.m.
Tuesday (Midwives) *	..	..	1.30 p.m. - 5.0 p.m.
Thursday (Child Welfare)	..	..	2.0 p.m. - 4.0 p.m.
Friday (Midwives)	..	..	2.0 p.m. - 4.0 p.m.

DARGETS WOOD

Tuesday (Midwives)	..	..	2.0 p.m. - 3.30 p.m.
Thursday (Relaxation)	..	..	3.0 p.m. - 4.30 p.m.

Clinics and Treatment Centres, continued

4 MANOR ROAD

Wednesday (Midwives)	..	..	2.0 p.m. - 4.0 p.m.
Friday (Relaxation)	..	..	2.30 p.m. - 4.0 p.m.

Relaxation Classes are also held at the sessions marked *.
Combined immunisation against diphtheria, whooping cough and tetanus and vaccination against smallpox and poliomyelitis are available at all child welfare clinics.

School Clinics

ELM HOUSE

Minor Ailments -

Tuesday (Doctor)	4.0 p.m. - 5.0 p.m.
------------------	----	----	---------------------

Friday (Doctor)	2.0 p.m. - 4.0 p.m.
-----------------	----	----	---------------------

Dental (By appointment)

WAYFIELD CLINIC

Minor Ailments -

Friday, 2nd and 4th (Doctor)	9.0 a.m. - 10.0 a.m.
------------------------------	----	----	----------------------

Dental (By appointment)

"ELMSLEIGH", 118 MAIDSTONE ROAD (Telephone 42098)

Child Guidance, Ophthalmic, Speech (by appointment)

Domestic Help Service

Domestic Help Organiser, Elm House, 15 New Road Avenue, Chatham.
(Telephone 42954)

This service is available for households where domestic help is required owing to the presence of any person who is ill, lying-in, an expectant mother, or of mentally disordered or aged persons, or children not over compulsory school age. The service provided is limited to the performance of essential domestic help.

Family Care Service

This service is restricted to families of two or more children where application has been made to the children's Committee for the children to be taken into care during the temporary absence of the mother, and the service is limited to an initial period of not more than three months. Information regarding this service can be obtained from the Domestic Help Organiser at Elm

House, New Road Avenue, Chatham.

Night Attendant Service

Night attendant service is available for old people, but is limited to cases where the help required cannot be provided by voluntary agencies. The arrangements include evening service, preparation for sleep, provision for meals, attention to fires and night service. Application for this service should generally be made through the family doctor.

Further information is obtainable from the Domestic Help Organiser at Elm House, New Road Avenue, Chatham.

Family Welfare Service

The object of this scheme is to raise the standard of living of problem families, to improve the standard of child care, and to keep the family together and prevent its break-up. The service is provided as an extension of the Domestic Help Service.

Mental Health Service

Information regarding the service for the mentally disordered can be obtained from the District Officer, 13 Gun Lane, Strood.

Training Centre for sub-normal and severely sub-normal persons living in the district is established at:-

Darnley Road, Strood

Hours of opening - ordinary school terms:

Monday to Friday, 10 a.m. - 3.30 p.m.

A Home Teacher for mentally sub-normal persons is also available in the area.

All enquiries regarding the Training Centre and Home Teaching should be addressed to the County Medical Officer, County Hall, Maidstone.

Home Nursing Service

The County Council provides a service free of charge for the attendance on persons whose doctors require them to be nursed in their own homes. The nurse's attendance is normally arranged by the doctor, but the name and address of the appropriate nurse for any particular district is obtainable from the undermentioned District Office of the County Council:-

Mr. C. H. Hurdman, 13 Gun Lane, Strood (Tel. Strood 7451)

Midwifery Service

The County Council arranges for the free attendance of midwives upon

Midwifery Service, continued

patients who are to be confined at home. The name and address of the appropriate midwife for any particular district is usually known to the patient's doctor, but can be obtained from the undermentioned District Office of the County Council:-

Mr. C. H. Hurdman, 13 Gun Lane, Strood (Tel. Strood 7451)

Ambulance Service, Star Mill Lane, Chatham. (Telephone Gillingham 52201)

(B) HOSPITAL SERVICES administered by South East Metropolitan Regional Hospital Board under Part II National Health Service Act, 1946. The following information is given through the courtesy of the Secretary, Medway and Gravesend Hospital Management Committee, 20 Star Hill, Rochester. (Telephone 41616/8)

Chest Clinic

This clinic is situated at 13 New Road, Rochester, and the Chest Physician may be consulted by appointment (Telephone 42182).

Enquiries for appointments may be made during the following times:-

Monday to Friday :	9 a.m. - 5 p.m.
Saturday :	9 a.m. - 12 noon

Treatment Centre for Venereal Diseases

The centre is situated at 36 New Road, Rochester and is open on Monday (1.30 p.m. to 4.30 p.m.) and Thursday (10 a.m. to 1 p.m.) (Telephone 43343).

Hospitals providing services normally available to medical practitioners for residents of the Medway Towns Area:-

All Saints' Hospital, Magpie Hall Road, Chatham (Telephone 41212-5)

Medical, Surgical, Maternity, Gynaecology, E.N.T., Paediatric, Infectious Diseases, Geriatric and Mental.

Out-patient facilities are also available in the following specialties:-

Dermatology, Physical Medicine, Orthopaedic and Consultant Dentistry.

St. Bartholomew's Hospital, New Road, Rochester (Telephone 41511-4)

Medical, Surgical, Orthopaedic and Paediatric.

Out-patient facilities are also available in the following specialties:-

Dermatology, Neurology, Physical Medicine, Ophthalmology, Plastic Surgery, Radiotherapy, Consultant Dentistry and Psychiatry.

St. William's Hospital, St. William's Way, Rochester (Telephone 43243).

Post Operative and Radiotherapy.

Canada House Maternity Home, Barnsole Road, Gillingham (Telephone 51139).

Maternity.

Keycol Hill Hospital, Keycol Hill, Sittingbourne (Telephone: Newington 222).

Infectious Diseases.

Milton Regis Hospital, North Street, Milton Regis, Sittingbourne
(Telephone 3168)

Geriatric (longer-stay units).

(C) LABORATORY SERVICES

The bacteriological examination of throat swabs, sputum, blood, milk, water or other suspected material is carried out at the Public Health Laboratory, Preston Hall, British Legion Village, Maidstone, under the direction of the Medical Research Council for the Ministry of Health.



